



Department of Research and Development

Workshop

Implementation of Computational Intelligence Models for Research Paper Publications in Q-Rated Journals

 28th June 2025

 10:00 AM – 12:00 PM

 Online



Dr. S. N. Deepa

Associate Professor - Department of Electrical Engineering
Associate Dean - Student Welfare
Vice Chairperson - Centre for Clean Energy and Circular Economy
National Institute of Technology, Calicut

Organizing Committee

Dr. Vinoth Kumar K

Professor and Associate Head - R&D
Advisor to IEEE PELS and SMC SBC's

Dr. Revathi V

Dean - R&D

Dr. Manjunatha

Principal




Dean
Department of Research and Development
NEW HORIZON COLLEGE OF ENGINEERING
New Horizon Knowledge Park, Bellandur Main Road,
Near Marathalli, Bengaluru - 560 103



IEEE
NHCE
STUDENT BRANCH



**IEEE POWER
ELECTRONICS SOCIETY**
Powering a Sustainable Future
New Horizon College of Engineering
Student Branch Chapter



**IEEE POWER
ELECTRONICS SOCIETY**
Bangalore Chapter



IEEE
SMC
Systems, Man, and Cybernetics Society

New Horizon College of Engineering, SMC28 (SBC66131K)
Student Branch Chapter

Event Report

Title	Workshop on Implementation of Computational Intelligence Models for Research Paper Publications in Q-Rated Journals	
Department	Research and Development	
Date	From: 28.06.2025	To: 28.06.2025
Time	From: 10:00 AM	To: 12:00 PM
Brief Description (4-5 Lines Max)	The Department of Research and Development at New Horizon College of Engineering successfully organized an online workshop titled "Workshop on Implementation of Computational Intelligence Models for Research Paper Publications in Q-Rated Journals" on 28th June 2025, from 10:00 AM to 12:00 PM. This workshop was jointly organized by the IEEE PELS Bangalore Chapter, IEEE PELS Student Branch Chapter (SBC) of NHCE, and the IEEE SMC SBC of NHCE. The session was expertly conducted by Dr. S. N. Deepa, Associate Professor, Department of Electrical Engineering, National Institute of Technology (NIT), Calicut. Dr. Deepa provided valuable insights into computational intelligence models and their application in enhancing the quality and publishability of research papers in reputed Q-rated journals. The event was well-received by participants, including faculty members, research scholars from various disciplines, who appreciated the depth of the session and the practical relevance of the content delivered. 74 faculty members are benefitted.	



Ravathi
Dean
Department of Research and Development
NEW HORIZON COLLEGE OF ENGINEERING
New Horizon Knowledge Park, Bellandur Main Road,
Near Marathalli, Bengaluru - 560 103

Images

meet.google.com/zbz-jdbx-ik?authuser=0

Dr.Deepa S. N. (Presenting)

Formulating Research Process towards Right Direction ...

S N Deepa
Associate Professor - EED
NIT Calicut
sndeepa@nitc.ac.in

10:11 AM | Workshop on Implementatio...

24°C
Mostly cloudy

meet.google.com/zbz-jdbx-ik?authuser=0

Dr.Deepa S. N. (Presenting)

of papers
key words
DI →
ART

10:31 AM | Workshop on Implementati...

25°C
Mostly cloudy

meet.google.com/zbz-jdbx-ik?authuser=0

Dr.Deepa S. N. (Presenting)

CI
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10:40 AM | Workshop on Implementati...

Light rain
In the afternoon

meet.google.com/zbz-jdbx-ik?authuser=0

Dr.Deepa S. N. (Presenting)

Research Opportunities Com... Research_Paper Writing_The... You and Your Research.pdf Deep Learning_Slides.pdf IEEE Access_Sherin_Pub... + Create

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11:30 AM | Workshop on Implementati...

27°C Partly sunny

11:30 28-06-2025

meet.google.com/zbz-jdbx-ik?authuser=0

Dr.Deepa S. N. (Presenting)

Research Opportunities Com... Research_Paper Writing_The... You and Your Research.pdf Deep Learning_Slides.pdf IEEE Access_Sherin_Pub... + Create

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Received 21 August 2024, accepted 13 September 2024, date of publication 19 September 2024, date of current version 8 October 2024.
Digital Object Identifier 10.1109/ACCESS.2024.3448491

RESEARCH ARTICLE

Enhanced Aquila Optimizer Combined Ensemble Bi-LSTM-GRU With Fuzzy Emotion Extractor for Tweet Sentiment Analysis and Classification

A. SHERIN¹, I. JASMIN SELVAKUMARI JEYA², AND S. N. DEEPA³ (Member, IEEE)

¹Department of Computer Science and Engineering, Bharathiar College of Engineering and Technology, Coimbatore, Tamil Nadu 641012, India
²School of Computing Science and Engineering, VIT Bhopal University, School, Madhya Pradesh 466114, India
³Department of Electrical Engineering, National Institute of Technology Calicut, Calicut, Kerala 673601, India
Corresponding author: A. Sherin (shertanmeer@gmail.com)

ABSTRACT Tweet Sentiment Analysis (TSA) is a prominent technique to glean valuable insights from the users of Twitter (currently the X platform) to understand their emotional state of mind. This sentiment and opinion mining from tweets is highly important to formulate a decision-support model in the sector of natural language processing. In this research study, a combined version of the deep learning recurrent model, a fuzzy decision support system, and a variant of the nature-inspired Aquila Optimizer are suggested for sentiment analysis and classification of tweets. Fuzzy Sentiment Emotion Extractor (FEE) is crafted to extract the positive and negative emotions from the tweets using the semantic, positive or negative polarity of the words and their positions. An ensemble Bidirectional Long Short-Term Memory (enBi-LSTM) has been engineered in this work for capturing the order of tweet words, context-based semantic detail, and the relation among the words in the tweet sequence. For the proposed ensemble bi-LSTM-GRU models, the weights are

11:29 AM | Workshop on Implementati...

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11:29 28-06-2025

Workshop on Implementation of Computational Intelligence Models for Research Paper Publications in Q-Rated Journals on 28.06.2025

S.No	Timestamp	Name of the Faculty	Designation	Department	Institution	Topic Coverage in the Session	Effectiveness in Delivering the Lecture	The learning materials were presented in clear and organized manner.	The experts/presenters were well prepared	The experts/presenters responded to queries of participants satisfactorily	Adequate time was provided for activities	Overall rating of the event
1	2025/06/28 10:51:51 AM GMT+5:30	Rajat B Hubballi	Assistant Professor	MBA	NHCE	4	5	4	5	4	5	4
2	2025/06/28 10:51:54 AM GMT+5:30	Shivashish Gour	Assistant Professor	MBA	NHCE	5	5	5	5	5	5	5
3	2025/06/28 10:51:57 AM GMT+5:30	Aiswarya D Pillai	Assistant Professor	MBA	NHCE	5	4	5	5	5	5	5
4	2025/06/28 10:51:58 AM GMT+5:30	Ankita N. Jeewankar	Sr.Assistant Professor	MBA	NHCE	4	5	4	4	4	4	5
5	2025/06/28 10:52:08 AM GMT+5:30	Rose Kavitha	Professor and HOD	MBA	NHCE	3	3	3	3	3	3	3
6	2025/06/28 10:52:12 AM GMT+5:30	Dr.Priyameet Kaur Keer	Professor	MBA	NHCE	4	4	4	4	4	4	4
7	2025/06/28 10:52:36 AM GMT+5:30	Chempavathy B	Senior Assistant Professor	CSE	NHCE	4	5	5	5	5	5	5
8	2025/06/28 10:52:57 AM GMT+5:30	Dr.A.B.Gurulakshmi	Professor & Associate Head - Quality Assurance	ECE	NHCE	5	5	5	5	5	5	5
9	2025/06/28 10:53:03 AM GMT+5:30	Salna Joy	Assistant professor	CSE	NHCE	4	4	4	4	4	4	4
10	2025/06/28 10:53:07 AM GMT+5:30	Saranya S	Assistant Professor	CSE	NHCE	5	5	4	5	5	5	5
11	2025/06/28 10:53:24 AM GMT+5:30	Ms.A.SENTHIL ANANDHI	SENIOR ASSISTANT PROFESSOR	CSE	NHCE	5	5	5	5	5	5	5
12	2025/06/28 10:53:25 AM GMT+5:30	M Thanga Subha Devi	Sr. Assistant Professor	CSE	NHCE	5	5	5	5	5	5	5
13	2025/06/28 10:53:26 AM GMT+5:30	Dr.D.Roja Ramani	Associate Professor	CSE	NHCE	4	5	5	5	5	5	5
14	2025/06/28 10:55:30 AM GMT+5:30	Soja Rani S	Sr Assistant Professor	CSE	NHCE	5	5	5	5	5	5	5
15	2025/06/28 10:56:32 AM GMT+5:30	M Nirmala	Professor	CSE	NHCE	5	4	5	5	4	4	4
16	2025/06/28 10:56:34 AM GMT+5:30	Santhosh Krishna B V	Associate Professor	CSE	NHCE	5	5	5	5	5	5	5
17	2025/06/28 10:56:46 AM GMT+5:30	A sheshu	Senior assist professor	MBA	NHCE	5	5	4	4	4	5	4
18	2025/06/28 10:57:02 AM GMT+5:30	Dr.R.Mohan Das	Associate Professor	EEE	NHCE	5	5	5	5	5	5	5
19	2025/06/28 11:01:36 AM GMT+5:30	Dr. D.D. Padma Priya	Senior Assistant Professor	Mathematics	NHCE	5	5	5	5	5	5	5
20	2025/06/28 11:01:45 AM GMT+5:30	Dr B Rohini	Senior Assistant Professor	Applied science	NHCE	4	4	4	4	4	4	4
21	2025/06/28 11:01:54 AM GMT+5:30	Nithya	Associate Professor	MCA	NHCE	4	4	3	4	4	4	4
22	2025/06/28 11:02:37 AM GMT+5:30	Dr. Madhumohana Raju A B	Associate Professor	Applied science	NHCE	5	5	5	5	5	5	5
23	2025/06/28 11:02:45 AM GMT+5:30	Dr Bhavya P	Associate professor	Applied science	NHCE	4	4	4	4	4	4	4
24	2025/06/28 11:03:17 AM GMT+5:30	Anitha.A	SAP	EEE	NHCE	5	5	4	5	5	5	5
25	2025/06/28 11:03:18 AM GMT+5:30	Dr. Priya Thomas	Sr. Asst Professor	MCA	NHCE	5	4	5	5	5	4	5
26	2025/06/28 11:03:43 AM GMT+5:30	A.S.ANITHA NAIR	Assistant professor	EEE	NHCE	5	5	5	5	5	5	5
27	2025/06/28 11:04:08 AM GMT+5:30	Bhawna khokher	Assistant professor	AIML	NHCE	5	5	5	5	5	5	5
28	2025/06/28 11:04:20 AM GMT+5:30	Sunil S K	Assistant professor	EEE	NHCE	5	5	5	5	5	5	5
29	2025/06/28 11:06:12 AM GMT+5:30	Bhavya	Sr Assistant professor	Applied science	NHCE	4	4	4	4	4	4	4
30	2025/06/28 11:07:02 AM GMT+5:30	Sathya J	Sr.Asst.Professor	MCA	NHCE	5	5	5	5	5	5	5
31	2025/06/28 11:08:50 AM GMT+5:30	Dr. R SUGANYA	Associate Professor	CSE(DATA SCIENCE)	NHCE	5	5	5	5	5	5	5
32	2025/06/28 11:16:22 AM GMT+5:30	Dr. Dhanalakshmi R V	Associate Professor	MBA	NHCE	4	4	4	4	4	4	4
33	2025/06/28 11:16:44 AM GMT+5:30	Dr. K. Gopal	Associate Professor	Mechanical Engineering	NHCE	5	5	5	5	5	5	5
34	2025/06/28 11:16:50 AM GMT+5:30	Pallavi Nayak	Assistant professor	CSE-DS	NHCE	4	4	5	5	4	5	4
35	2025/06/28 11:18:22 AM GMT+5:30	Dr. Suma T	Senior Assistant professor	Mathematics	NHCE	4	4	4	4	4	4	4
36	2025/06/28 11:18:53 AM GMT+5:30	Kavitha.U	Assistant Professor	CSE-Data Science	NHCE	3	3	3	3	3	3	3
37	2025/06/28 11:19:04 AM GMT+5:30	Dr. Ananda K	Senior Assistant Professor	Applied Science	NHCE	4	5	5	4	4	4	4
38	2025/06/28 11:22:31 AM GMT+5:30	Rashi	Sr AP	Applied Sciences	NHCE	4	4	4	4	4	4	4
39	2025/06/28 11:23:18 AM GMT+5:30	Kavitha.ch	Sr.Assistant Professor	EEE	NHCE	5	5	5	5	5	5	5
40	2025/06/28 11:23:31 AM GMT+5:30	Mohan kumar G R	Assistant professor	Mechanical Engineering	NHCE	5	5	5	5	5	5	5
41	2025/06/28 11:23:56 AM GMT+5:30	Dr. S. SUJITHA	Professor	EEE	NHCE	5	5	5	5	5	5	5
42	2025/06/28 11:25:22 AM GMT+5:30	Dr M Karthika	Associate Professor	EEE	NHCE	5	5	5	5	5	5	5
43	2025/06/28 11:26:18 AM GMT+5:30	Asha K	Senior assistant professor	Applied Sciences	NHCE	4	4	5	5	5	5	5

44	2025/06/28 11:32:53 AM GMT+5:30	Dr. G. VIJAYASEKARAN	Associate Professor	CSE	NHCE	5	5	5	5	5	5	5
45	2025/06/28 11:33:07 AM GMT+5:30	Dr Sunil Kumar Vengalil	Professor	CSE(DS)	NHCE	5	5	4	5	5	5	5
46	2025/06/28 11:33:54 AM GMT+5:30	Shashidhar S	Senior Assistant professor	Applied sciences	NHCE	5	5	5	5	5	5	5
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49	2025/06/28 11:38:05 AM GMT+5:30	ARPANA PRASAD	ASSOCIATE PROFESSOR	MCA	NHCE	5	4	3	5	4	4	4
50	2025/06/28 11:39:16 AM GMT+5:30	Satishkumar D	Senior Assistant Professor	EEE	NHCE	5	5	5	5	5	5	5
51	2025/06/28 11:39:24 AM GMT+5:30	SURAT PYARI ATTI	Assistant Professor	EEE	NHCE	5	5	5	5	5	5	5
52	2025/06/28 11:39:56 AM GMT+5:30	Veena M Hunagund	Assistant Professor	EEE	NHCE	4	4	5	5	4	5	4
53	2025/06/28 11:41:15 AM GMT+5:30	Dr. Sujoy Das	Sr. Assistant Professor	EEE	NHCE	4	4	4	4	4	4	4
54	2025/06/28 11:42:55 AM GMT+5:30	Dr.Hemanth Raju T	Associate Professor	MECHANICAL ENGINEERING	NHCE	5	5	5	5	5	5	5
55	2025/06/28 11:42:59 AM GMT+5:30	Asha Rani Borah	Senior Assistant Professor	CSE	NHCE	5	5	4	5	5	5	5
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58	2025/06/28 11:48:53 AM GMT+5:30	Lavanya C	Assistant Professor	CSE	NHCE	5	5	5	5	5	5	5
59	2025/06/28 11:49:38 AM GMT+5:30	Dr. Sampa Das	Senior Assistant prof.	ECE	NHCE	5	5	5	5	5	5	5
60	2025/06/28 11:49:43 AM GMT+5:30	Shruthi G R	Sr. Assistant Professor	ISE	NHCE	5	5	5	5	5	4	5
61	2025/06/28 11:49:45 AM GMT+5:30	Sivasankari SS	Senior Assistant Professor	AIML	NHCE	5	5	5	5	5	5	5
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63	2025/06/28 11:51:54 AM GMT+5:30	Divyanshi Chhabra	Assistant professor	CSE	NHCE	4	5	5	5	4	4	5
64	2025/06/28 11:52:30 AM GMT+5:30	Parvathy. S	Sr.Assistant Professor	ISE	NHCE	4	4	4	5	5	4	5
65	2025/06/28 11:53:16 AM GMT+5:30	Dr Revathi R P	Sr Assistant professor	Applied Sciences	NHCE	5	5	5	5	5	5	5
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67	2025/06/28 11:54:29 AM GMT+5:30	Sangeetha.C.N	Assistant Professor	EEE	NHCE	5	4	4	5	5	5	5
68	2025/06/28 11:55:39 AM GMT+5:30	Rahul B	Assistant Professor	CSE	NHCE	5	5	5	5	5	5	5
69	2025/06/28 11:56:53 AM GMT+5:30	Dr. Monika Gupta	Associate Professor	ECE	NHCE	5	5	5	5	5	5	5
70	2025/06/28 11:59:46 AM GMT+5:30	Vinay R	Senior Assistant professor	ECE	NHCE	4	4	4	5	5	4	4
71	2025/06/28 12:01:44 PM GMT+5:30	Dr Rajesh G	Associate Professor	ECE	NHCE	5	5	5	5	5	4	5
72	2025/06/28 12:05:21 PM GMT+5:30	Dr.Ishani Mishra	Associate Professor	ECE	NHCE	5	5	5	5	5	4	5
73	2025/06/28 12:09:17 PM GMT+5:30	Dr Sudhakiran Ponnuru	Associate professor	ECE	NHCE	5	5	5	5	5	5	5
74	2025/06/28 12:09:33 PM GMT+5:30	Asha PK	Associate Professor	Applied Sciences	NHCE	5	5	5	5	5	4	5